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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/075,721
Filing Date	February 14, 2002
First Named Inventor	Berthet, et al.
Group Art Unit	2631
Examiner Name	not yet assigned
Attorney Docket Number	28944/38252

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KCT	A1	6,128,330	10/03/2000	Schilling	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
KCT	B1	L.R.BAHL et al. "Optimal decoding of linear codes for minimizing symbol error rate", IEEE France. Inform. Theory, vol.IT-20, pp.284-287, March 1974.	
KCT	B2	TAKESHI HASHIMOTO. "A list-type reduced-constraint generalization of the Viterbi algorithm" – IEEE Transactions on Information Theory. Vol IT-33, No.6, Nov.1987	
KCT	B3	J.HAGENAUER, P.HOEHER, "A Viterbi algorithm with soft decision outputs and its applications", Proc. IEEE GLOBECOM'89, pp. 1680-1686, Dallas, USA, Nov.1989.	
KCT	B4	C.BERROU et al. "Near Shannon limit error correcting coding and decoding: Turbo-codes" – IEEE ICC'93, pp. 1064-1073, Geneva, Switzerland, May 1993.	
KCT	B5	C.DOUILLART et al. "Interactive correction of intersymbol interference: Turbo-equalization" – Europ.Trans. on Telecommunication, vol.6, pp.507-511, Sept.1995	
KCT	B6	S. BENEDETTO et al. "Serial Concatenation of interleaved Codes: Performances analysis, design and iterative decoding" – TDA Progress Report 42-126, Aug.1996	
KCT	B7	G.J. FOSCHINI. "Layered space-time architecture for wireless communication in a fading environment when using multi-element antennas".. Bell Labs Journal. Autumn 1996	
KCT	B8	ETSI.GSM Recommendations, 05.5 version 5.8.0 – Dec.1996.	
KCT	B9	V.TAROCK et al. "Space time codes for high data rata wireless communication: performance criterion and code construction", IEEE Trans. Inform. Theory vol.44, No.2, March 1998.	
KCT	B10	G.BAUCH, V.FRANZ. "A comparison of soft-in soft-out algorithm for turbo-detection" Proceedings of ITC, vol.2 pp.259-263, Portos-Carras, Greece, June 1998.	
KCT	B11	BAUCH G. "Concatenation of space-time block codes and turbo-TCM"-ICC'99- 1999 IEEE International Conference on Comm. Conference Record. Vancouver, CA, June 6-10,1999 - IEEE International Conference on Comm - New-York-Vol.2, June 6,1999 – pages 1202-1206, XP 000898047 - ISBN 0-7803-5285-8	
KCT	B12	BAUCH et al. "MAP equalization of space-time coded signals over frequency selective channels" – Proc. Wireless Comm. on Networking Conference (WCNC) Sept.1999	

Examiner Signature	Khanh Cong Tran	Date Considered	05/27/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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KCT	B13	G.J.FOSCHINI et al. "Simplified processing for high spectral efficiency wireless communication employing multi-element arrays", IEEE JSAC, vol.17, No.11, pp.1841-1852, nov.1999.	
KCT	B14	STEVANOV et al. "Turbo coded modulation for systems with transmit and receive antenna diversity"- GLOBECOM'1999 IEEE Global Telecommunications Conference. Seamless interconnection for universal services. Rio de Janeiro, Brazil, Dec.5-9,1999 IEEE Global Telecommunications Conference N.Y. – Vol. 5 (1999-12-05), pages 2336-2340, XP000958539, ISBN 0-7803-5797-3	
KCT	B15	R.VISOZ et al. "Generalised Viterbi algorithm for trellis coded signals transmitted through broadband wireless channels"- Electronic Letters, pp.227-228, 3 Feb.2000, vol.36, No.3	
KCT	B16	BAUCH G. et AL-DAHIR. "Iterative equalization and decoding with channel shortening filters for space-time coded modulation". Vehicular Technology Conference Fall 2000. IEEE VTS Falls VTC2000, vol.4, 24-28 Sept.2000, pages 1575-1582, XP002180247, Boston MA, USA	
KCT	B17	LEUNG HANG CHING JASON. "Low complexity turbo space-time code for system with large number of antennas" Proc. of Global Telecomm. Conf. GLOBECOM'2000, vol.2, Nov.27, 2000-Dec.1,2000, pp.990-994, XP002180248, San Francisco CA, USA	
KCT	B18	A.O. BERTHET et al. "A comparison of several strategies for iteratively decoding serially concatenated convolution codes in multipath Rayleigh fading environment", Proc. IEEE GLOBECOM'2000,San Francisco, USA, Nov.2000	
KCT	B19	M.PUKKILA "Turbo-Equalisation for the enhanced GPRS system" – Proc.IEEE Conf. PIMRCOO London UK, 2000.	
KCT	B20	French Search Report of Publication No. FR 0102343, report dated October 16, 2001.	

Examiner Signature	Khanh cong Tran	Date Considered	05/27/2009

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